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OMB No. 0651-0011(12/31/86)

INFORMATION DISCLOSURE CITATION WITH DOCUMENT COPIES

Submitted by: L. Deschere
Linda M. Deschere
Reg No: 34,811

Atty Docket No. UM939
Applicant Gerard A. Mourou, et al

Filing Date 04/08/94
Group 2501 2100

U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Subclass	Filing Date (if approp)
<u>6SE</u>	<u>4,579,430</u>	<u>04/01/86</u>	<u>Bille</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,727,381</u>	<u>02/23/88</u>	<u>Bille et al</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,732,473</u>	<u>03/22/88</u>	<u>Bille et al</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,764,930</u>	<u>08/16/88</u>	<u>Bille et al</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,838,679</u>	<u>06/13/89</u>	<u>Bille</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,848,340</u>	<u>07/18/89</u>	<u>Bille et al</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,881,808</u>	<u>11/21/89</u>	<u>Bille et al</u>	<u>—</u>	<u>—</u>	
<u>6SE</u>	<u>4,901,718</u>	<u>02/20/90</u>	<u>Bille et al</u>	<u>—</u>	<u>—</u>	

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Translation						
Document Number	Date	Country	Class	Subclass	Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- 6SE N. Bloembergen, "Laser-Induced Electric Breakdown in Solids, IEEE Journal of Quantum Electronics, Vol. QE-10, No. 3, (March 1974)
- 6SE R. Birngruber, C. Puliafito, A. Gawande, W. Lin, R. Schoenlein, and J. Fujimoto, "Femtosecond Laser-Tissue Interactions: Retinal injury studies", IEEE Log Number 8716039, (1987)
- 6SE D. Stern, R. Schoenlein, C. Puliafito, E. Dobi, R. Birngruber, and J. Fujimoto, "Corneal Ablation by Nanosecond, Picosecond, and Femtosecond Lasers at 532 and 625 nm", Arch Ophthalmol, Vol. 107, (April 1989)
- 6SE B. Zysset, J. Fujimoto, C. Puliafito, R. Birngruber, and T. Deutsch, "Picosecond Optical Breakdown: Tissue Effects and Reduction of Collateral Damage", Lasers in Surgery and Medicine 9:192-204 (1989)

Examiner Gerard S. Evans Date Considered August 5, 1995

*Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Name

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	Applicant <u>Gerard A. Mourou</u>	
	Filing Date <u>04/08/94</u>	Group <u>2501 2/00</u>
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<u>GSE</u>	4,907,586	03/13/90	Bille et al	—	—	
<u>GSE</u>	4,988,348	01/29/91	Bille	—	—	
<u>GSE</u>	5,062,702	11/05/91	Bille	—	—	
<u>GSE</u>	5,235,606	08/10/93	Mourou et al	—	—	
<u>GSE</u>	5,246,435	09/21/93	Bille et al	—	—	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>GSE</u>	B. Zysset, J. Fujimoto, and T. Deutsch, "Time-Resolved Measurements of Picosecond Optical Breakdown", Appl. Phys. B 48, 139-147 (1989)	✓
<u>GSE</u>	S. Watanabe, R. Anderson, S. Brorson, G. Dalickas, J. Fujimoto, and T. Flotte, "Comparative Studies of Femtosecond to Microsecond Laser Pulses on Selective Pigmented Cell Injury in Skin", Photochemistry and Photobiology, Vol. 53, No. 6, 757-762 (1991)	✓
<u>GSE</u>	J. Squier, F. Salin, and G. Mourou, "100-fs Pulse Generation and Amplification in Ti:Al ₂ O ₃ ", Optics Letters, Vol. 16, No. 5, (March 1991)	
<u>GSE</u>	B. Frueh, J. Bille, and S. Brown, "Intrastromal Relaxing Excisions in Rabbits with a Picosecond Infrared Laser", Lasers and Light in Ophthalmology, Vol. 4, No. 3/4, (1992), 165-168	✓

Examiner <u>Geoffrey S. Evans</u>	Date Considered <u>August 5, 1995</u>
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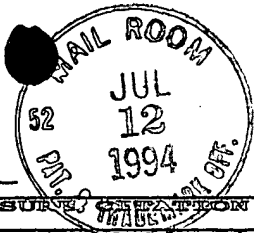
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Atty Docket No. UM939 Serial No. 08/224,961
Applicant Gerard A. Mourou
Filing Date 04/08/94 Group 2106

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- GSE R. Rimmel, C. Dardenne, and J. Bille, "Intrastromal Tissue Removal Using an Infrared Picosecond Nd:YLF Ophthalmic Laser Operating at 1053 nm", Lasers and Light in Ophthalmology, Vol. 4, No. 3/4, 169-173, (1992) ✓
- GSE J. Squier and G. Mourou, "Tunable Solid-State Lasers Create Ultrashort Pulses", Laser Focus World, (June 1992)
- GSE M.H. Niemz, T.P. Hoppeler, T. Juhasz, and J. Bille, "Intrastromal Ablations for Refractive Corneal Surgery Using Picosecond Infrared Laser Pulses", Lasers and Light in Ophthalmology, Vol. 5, No. 3, pp 149-155 (1993) ✓
- GSE H. Cooper, J. Schuman, C. Puliafito, D. McCarthy, W. Woods, N. Friedman, N. Wang, and C. Lin, "Picosecond Neodymium: Yttrium Lithium Fluoride Laser Sclerectomy", Am. Journal of Ophth. 115:221-224, (February 1993) ✓

Examiner Geoffrey S. Evans Date Considered August 5, 1995

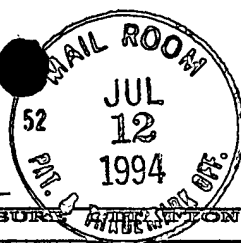
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Applicant

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Document Number	Date	Country	Class	Subclass	Yes	No	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GSE K. Frederickson, W. White, R. Wheeland, and D. Slaughter, "Precise Ablation of Skin with Reduced Collateral Damage Using the Femtosecond-Pulsed, Terawatt Titanium-Sapphire Laser", Arch Dermatol, Vol. 129, (August 1993)

GSE H. Kapteyn and M. Murnane, "Femtosecond Lasers: The Next Generation", Optics & Photonics News, (March 1994)

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GSE D. Du, X. Liu, G. Korn, J. Squier, and G. Mourou, "Laser-Induced Breakdown by Impact Ionization in SiO₂ with Pulse Widths from 7 ns to 150 fs", Appl. Phys. Lett 64 (23), (June 6, 1994)

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